Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020268.D
Acq On : 11 May 2019 12:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
5/14/2019 8:05:56 PM

Quant Time: May 12 03:44:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61089	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	225514	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	124558	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	283198	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	315948	20.00	ng		-0.02
87) Perylene-d12	23.64	264	392811	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	322634	86.33	ng		-0.02
7) Phenol-d6	6.93	99	425992	83.44	ng		-0.02
23) Nitrobenzene-d5	8.93	82	458501	80.27	ng		-0.02
42) 2,4,6-Tribromophenol	15.91	330	159747	82.63	ng		-0.01
45) 2-Fluorobiphenyl	13.03	172	823331	81.33	ng		-0.02
79) Terphenyl-d14	19.79	244	1327875	73.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	81002	44.192	ng		92
3) Pyridine	3.69	79	218673	46.647	ng		95
4) n-Nitrosodimethylamine	3.61	42	62204	41.380	ng	#	60
6) Aniline	7.10	93	268769	41.819	ng		96
8) 2-Chlorophenol	7.33	128	170502	41.899	ng		97
9) Benzaldehyde	6.92	77	144080	37.285	ng		93
10) Phenol	6.96	94	226844	41.272	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	167266	41.870	ng		98
12) 1,3-Dichlorobenzene	7.65	146	195824	41.360	ng		97
13) 1,4-Dichlorobenzene	7.80	146	195603	40.896	ng		97
14) 1,2-Dichlorobenzene	8.12	146	185083	40.617	ng		100
15) Benzyl Alcohol	8.01	79	174606	35.466	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	123100	37.162	ng		99
17) 2-Methylphenol	8.20	107	140248	39.638	ng		96
18) Hexachloroethane	8.83	117	77172	38.697	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	154318	35.328	ng	#	95
20) 3+4-Methylphenols	8.53	107	183456	39.013	ng		95
22) Acetophenone	8.60	105	243605	39.525	ng	#	96
24) Nitrobenzene	8.98	77	232116	39.192	ng		94
25) Isophorone	9.49	82	373195	37.886	ng		99
26) 2-Nitrophenol	9.68	139	88198	49.328	ng		95
27) 2,4-Dimethylphenol	9.73	122	118540	39.822	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	207566	38.690	ng		98
29) 2,4-Dichlorophenol	10.21	162	151453	40.349	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	185887	40.247	ng		98
31) Naphthalene	10.61	128	472876	40.407	ng		98
32) Benzoic acid	9.87	122	82471	40.187	ng		93
33) 4-Chloroaniline	10.73	127	187627	38.953	ng		96
34) Hexachlorobutadiene	10.87	225	125192	38.317	ng		99
35) Caprolactam	11.53	113	47372m	42.207	ng		
36) 4-Chloro-3-methylphenol	11.85	107	164076	37.197	ng		96
37) 2-Methylnaphthalene	12.23	142	327461	38.382	ng		98
38) 1-Methylnaphthalene	12.44	142	318130	38.132	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	200999	41.246	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	125334	43.680	ng		97
43) 2,4,6-Trichlorophenol	12.84	196	122931	44.386	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	127962	41.358	ng		96
46) 1,1'-Biphenyl	13.24	154	427755	41.723	ng		99
47) 2-Chloronaphthalene	13.29	162	341877	41.765	ng		98
48) 2-Nitroaniline	13.50	65	118256	40.579	ng		89
49) Acenaphthylene	14.14	152	540231	41.238	ng		98
50) Dimethylphthalate	13.87	163	404170	38.178	ng		99
51) 2,6-Dinitrotoluene	14.00	165	91872	41.203	ng		91
52) Acenaphthene	14.48	154	308670	41.088	ng		98
53) 3-Nitroaniline	14.33	138	86884	41.984	ng		95
54) 2,4-Dinitrophenol	14.54	184	45832	45.162	ng		96
55) Dibenzofuran	14.82	168	508478	40.127	ng		96
56) 4-Nitrophenol	14.64	139	66666	37.757	ng		87
57) 2,4-Dinitrotoluene	14.79	165	126519	41.758	ng	#	90
58) Fluorene	15.46	166	403449	38.767	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	119839	40.759	ng		97
60) Diethylphthalate	15.24	149	381595	35.778	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	220236	37.350	ng		98
62) 4-Nitroaniline	15.50	138	80769	35.366	ng		98
63) Azobenzene	15.75	77	442058	35.133	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	69990	48.835	ng		96
66) n-Nitrosodiphenylamine	15.68	169	344030	41.284	ng		97
67) 4-Bromophenyl-phenylether	16.36	248	136242	39.232	ng		97
68) Hexachlorobenzene	16.46	284	161028	40.295	ng		99
69) Atrazine	16.63	200	117027	35.935	ng		99
70) Pentachlorophenol	16.81	266	100993	44.170	ng		99
71) Phenanthrene	17.21	178	640372	40.963	ng		98
72) Anthracene	17.30	178	630404	40.333	ng		100
73) Carbazole	17.57	167	591169	41.918	ng		97
74) Di-n-butylphthalate	18.12	149	614675	36.216	ng		98
75) Fluoranthene	19.23	202	811847	41.045	ng		100
77) Benzidine	19.42	184	380662	37.685	ng		98
78) Pyrene	19.59	202	841088	39.651	ng		99
80) Butylbenzylphthalate	20.49	149	303531	39.348	ng		98
81) Benzo(a)anthracene	21.34	228	902681	40.739	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	355607	42.050	ng		98
83) Chrysene	21.39	228	876963	40.810	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	411464	34.375	ng		100
85) Di-n-octyl phthalate	22.14	149	738890	37.140	ng		97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1247993	48.825	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	980380	37.795	ng		99
89) Benzo(k)fluoranthene	22.99	252	926054	39.138	ng		98
90) Benzo(a)pyrene	23.54	252	932909	39.595	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	1040986	42.485	ng		99
92) Benzo(g,h,i)perylene	26.69	276	1027153	44.154	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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